

FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No.: 2377/11
Serial No. : 08/674,726
Applicants : S. MOSKOWITZ et al.
Filed : 2 July 1996
Group Art Unit : ~~2607~~ 2732
Examiner : H. Kizou

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Initial



HK

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2. SPIE-EI97, Vol. 3022, Martin Kutter et al.: *Digital Signature of Color Images Using Amplitude Modulation*, pp. 518-527
3. SPIE-96 PROCEEDINGS, Vol. 2915, 3/97, Joan Puate & Fred Jordan: *Using Fractal Compression Scheme to Embed a Digital Signature into an Image*, pp. 108-118
4. 1996 IEEE Int. Conf. on Multimedia Computing and Systems, June 17-23, Hiroshima, Japan, Laurence Boney et al.: *Digital Watermarks for Audio Signals*, pp. 473-480
5. Proceedings of EUSIPCO-96, Eighth European Signal Processing Conference, Trieste, Italy, 10-13 September 1996, Laurence Boney et al.: *Digital Watermarks for Audio Signals*, 5 pp.
6. Proc. of the 1996 IEEE Int. Conf. on Image Processing, Vol. III, Mitchell D. Swanson et al.: *Transparent Robust Image Watermarking*, 1996, pp. 211-214

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Sheet 2 of 3

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8. NEC Research Institute, Technical Report 95-10, I.J. Cox et al.: Secure Spread Spectrum Watermarkings for Multimedia, 33 pp.
9. Proceedings of the KnowRight'95 Conference, J. Zhao, E. Koch: Embedding Robust Labels into Images for Copyright Protection, pp. 242-251
10. 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Neos Marmaras, June 1995, E. Kock, J. Zhao: Towards Robust and Hidden Image Copyright Labeling, 4 pp.
11. Department of Electrical Engineering, Information Theory Group, Delft University of Technology, Delft, The Netherlands, G.C. Langelaar et al.: Copy Protection for Multimedia Data based on Labeling Techniques, July 1996, 9 pp.
12. IEEE International Computer Processing Conference, Austin, Texas, Nov. 13-16, 1994, R.G. van Schyndel et al.: A digital Watermark, pp. 86-90

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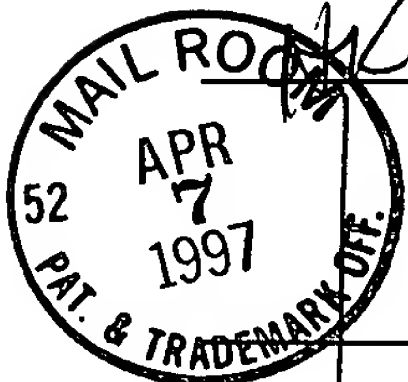
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13. Second Asian Image Processing Conference, Singapore, Dec. 6-8, 1995, vol. 2, R.G. van Schyndel et al.: Towards a Robust Digital Watermark, pp. 504-508
14. DICTA'95, University of Queensland, Brisbane, Dec. 5-8, 1995, A.Z. Tirkel et al.: A Two-Dimensional Digital Watermark, 7 pp.
15. ISSSTA'96, Sept. 1996, Mainz, Germany, A.Z. Tirkel: Image Watermarking - A Spread Spectrum Application, 6 pp.
16. IEE PROCEEDINGS, Vol. 143, No. 4, Aug. 1996, J.J.K. O Ruanaidh et al.: Watermarking Digital Images for Copyright Protection, pp. 250-256
17. SPIE Vol. 2952, EOS Series, Symposium on Advanced Imaging and Network Technologies, Berlin, Germany, Oct. 1996, F. Hartung and B. Girod: Digital Watermarking of Raw and Compressed Video, pp. 205-213

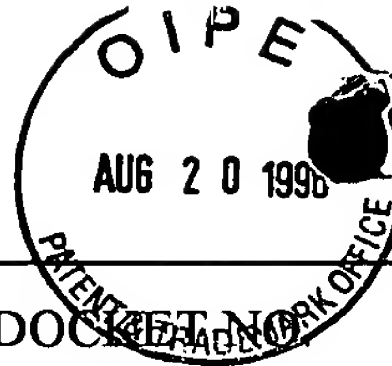
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	APPLICANT Scott A. MOSKOWITZ et al.	
	FILING DATE July 2, 1996	GROUP TO BE DETERMINED 2732

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
HC	5,379,345	1-3-95	Greenberg		
I	4,908,873	3-13-90	Philibert et al.		
	5,412,718	5-2-95	Narasimhalu et al.		
	4,979,210	12-18-90	Nagata et al.		
	5,073,925	12-17-91	Nagata et al.		
	5,287,407	2-15-94	Holmes		
	4,980,782	12-25-90	Ginkel		
	5,408,505	4-18-95	Indeck et al.		
	5,365,586	11-15-94	Indeck et al.		
	5,319,735	6-7-94	Preuss et al.		
	4,424,414	1-3-84	Hellman et al.		
	4,200,770	4-29-80	Hellman et al.		
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	4,748,668	5-31-88	Shamir et al.		
V	5,428,606	6-27-95	Moskowitz.		

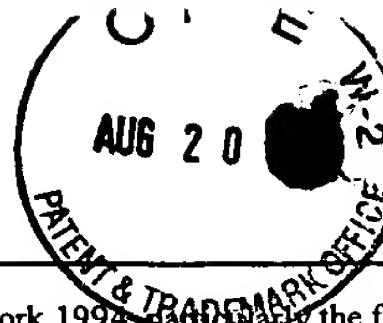
* - If pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
HC	Press, Flannery, Teukolsky and Vetterling, "Numerical Recipes in C", Cambridge University Press, 1988, "12. Fourier Transform Spectral Methods", pp. 398-470.
I	Pohlmann, Ken C., "Principles of Digital Audio", Third Edition, 1995, pp. 32-37, 40-48, 138, 147-149, 332, 333, 364, 499-501, 508-509, 564-571.
V	Pohlmann, Ken C., "Principles of Digital Audio", Second Edition, 1991, pp. 1-9, 19-25, 30-33, 41-48, 54-57, 86-107, 375-387.



HK	Schneier, B., "Applied Cryptography", John Wiley & Sons, Inc., New York 1994, particularly the following sections for steganography: 4.1 Subliminal Channel, pp. 66-68, 16.6 Subliminal Channel, pp. 387-392, particularly the following sections for cryptography "Chapter 1: Foundations", pp. 1-16, "Chapter 2: Protocol Building Blocks", pp. 17-41, "Chapter 3: Basic Protocols," pp. 42-57. Chapter 12.1: Public-Key Algorithms Background", pp. 273-275, "Chapter 14.1: One-Way Hash Functions, Background", pp. 321-324.
HK	Kahn, D., "The Code Breakers", The Macmillan Company, 1969, particularly the following sections on steganography pp. xiii, 81-83, 513, 515, 522-526, 873.

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